Yi 2
7399
F 13

Blood Vessels.

Diseases of the Heart,
& blood vessels – also of the
Brain and Nerves. –

born.

V Men are more subject to Diseases
& Disorders of the heart, & to Aneurisms
than Women.

VI The Arteries are more subject to
the last Disorder — Viz Ossification than
the Veins. Dr Ramsay ~~who~~ informed me
that he had found the left Ventricle of the
heart larger in the American subjects that he
had dissected - than in British. This enlargement
appears to be the effects of distention from
Even it is that there is more natural
strength in the blood vessels of Britons than in
the blood vessels of Americans - & this from a less wasting
& relaxing Climate than that of the U States.

Disorders of the Heart & Blood Vessels.

The Heart is subject to ~~pain~~ Spasm from predisposing debility — to palpitation from great enlargement occasioned by lifting great weights, to polypus — to fat — to Ulcers — but chiefly by ossification and rupture of its Auricles & Ventricles. The two former only are within the reach of medicines. Spasm ch: w: known by a slow pulse, is to be cured by Vs: — Palpitation may be relieved by small & frequent Vs: — It is to be distinguished from the palpit: ch: w: attends Hypocond: chiefly by its causes, & not being attended by general disease.

The Blood Arteries are subject to Ossification[3] — polypi[2], and Aneurisms. The Veins to Varices. They are most common on the legs. The Chinese are most subject to them from lifting heavy weights.

Brain and Nerves.

I shall connect them together. The nerves are intended to perform the twofold offices of ~~Insensibility, and~~ Sense and motion. It has been supposed by some physiologists that a distinct Sett of nerves is appropriated for each of them. The following fact communicated to me by Dr Coxe would seem to favour that Opinion. He saw a woman in a London hospital who was insensible to the strongest stimuli on one side, but the most tickling impressions excited the muscles of this side into violent Commotions. On the other side, the morbid affections were exactly reversed. I have called this ~~We want a name for~~ excess of Insensibility Hyperæsthesia. But we want a word also for excess of ——— Irritability.

The excess of both has been happily called by Dr Cullen Mobility:
a deficiency of Sensibility has been called by
Dr Cullen — Stupor
a deficiency of Irritability — has been called
by him — torpor — a Deficiency of both
the inertia of the Nervous System.

Are the excesses of Sensib.y & Irritab.y — to
be distinguished from — morbid excitab.y
by the former being inherent in the
Nerves & muscles & the latter being a tabe sub-
-stance — (perhaps Oxygene) appended to the
Nerves & muscles, and liable to accumul.n
and exhausted — or to be altogether changed
into excitement, and again formed into Excita-
-bility by the Alternate Abstraction, or applicat.n
of Stimuli ?. — Vis Docat. — What makes
the former Opinion probable is — it is not liable to
the increase or deminution & in the Course

of 2 months, or years — whereas Excitab.y
encreases or ceases with food — exercise,
sleep — waking, passions of the mind, & many
other circumstances.

Morbid Sensibility is sometimes confd
only to the sense of touch. The late Revd Dr
Stonehouse (the friend of Mrs Hannay) was so
much afflicted in his old age with this disposition to disease, that he
suffered pain from being even brushed with
the clothes of his family. To avoid this, &
more severe impressions, he always sat in
company surrounded by a fender such as
is used to prevent Children falling into the fire.

But this morbid Sensibility sometimes
extends to at the same time the senses of touch, seeing, and
hearing. A Lady in north Carolina from smoaking
a needle under her thumb, has been afflicted wh
this distressing complaint for two years. She
cannot bear to be touched by her attendants.

She sits constantly upon pillows. over her
eyes, and sounds of all kinds, not excepting
the human voice (with one exception) give pain to her ears.
The exception alluded to is when the
human voice is employed in religious con-
=versation, or in reading religious books. It is
probable - even this sound was at first pain-
=ful to her, but by repetition has descended
to the pleasurable point - or - perhaps the plea-
=sure derived from the ideas suggested by
the human voice, may be so great as to
predominate over the pain occasioned by
the impression of the Voice upon the drum
by its mechanical ~~position~~ upon the drum
of the ear. ——

There is an excess of sensibility in
the crisis of a fever. It is so exquisite as
to render ~~the weight of~~ a pair of fine
linen painful.
It generally goes off with a return of the
strength of the System.